

A DEVICE FOR PURIFYING THE EXHAUST GAS OF AN INTERNAL  
COMBUSTION ENGINE

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ABSTRACT OF THE DISCLOSURE

10 A device for purifying the exhaust gas of an  
internal combustion engine is disclosed. The device  
comprises a particulate filter arranged in the exhaust  
system, which carry a catalyst for absorbing and reducing  
NO<sub>x</sub>. The catalyst absorbs NO<sub>x</sub> when the air-fuel ratio in  
the surrounding atmosphere thereof is lean and releases  
15 the absorbed NO<sub>x</sub> to purify NO<sub>x</sub> by reduction when the air-  
fuel ratio is the stoichiometric or rich. The device  
further comprises a catalytic apparatus for purifying NO<sub>x</sub>  
arranged in the exhaust system upstream of the  
particulate filter, which has an oxidation function.